



**Request for City Council Committee Action
From the Department of Public Works**

Date: August 12, 2003
To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee
Referral to: Honorable Barbara Johnson, Chair Ways & Means/Budget Committee
Subject: **Amendment to Contract for removal of buried debris at Columbia Heights Membrane Filtration Plant**

Recommendation:

1. Authorize execution of amendment to contract with Adolfson and Peterson increasing the contract by a maximum of \$445,000 for removal of buried debris at site including asbestos-containing materials. Funds are available within the project budget (7400/ 950/ 9515/ C5200023).

Previous Directives:

- On November 21, 2001, the City Council authorized preparation of an agreement with Black & Veatch for engineering and architectural services for design and construction phase services for the Columbia Heights Membrane Filtration Plant.
- On November 21, 2001, the City Council accepted the bid of Ionics, Inc. for this project (O.P. #5549), and authorized the development of the original agreement for this project.
- On July 11, 2003 the Council accepted the low bid of Adolfson & Peterson, Inc in the amount of \$33,858,000 for membrane filtration plant at Columbia Heights (O.P. #6074).

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Approved by: Klara A. Fabry, P.E., City Engineer, Director of Public Works

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Presenters: Adam J. Kramer, P.E., Director, Water Works

Financial Impact (Check those that apply)

☒ No financial impact - or - Action is within current department budget.
(If checked, go directly to Background/Supporting Information)

☐ Action requires an appropriation increase to the Capital Budget

☐ Action requires an appropriation increase to the Operating Budget

☐ Action provides increased revenue for appropriation increase

☐ Action requires use of contingency or reserves

☐ Other financial impact (Explain):

☐ Request provided to the Budget Office when provided to the Committee Coordinator

Background/Supporting Information

The Minneapolis Water Works (MWW) Capital Improvement Plan includes building a new 70 million gallon per day Water Treatment Plant using Ultrafiltration Membranes as the treatment technology. This new plant, called the Columbia Heights Membrane Filtration Plant (CHMFP) will replace the existing Columbia Heights Filtration Plant, which was mostly constructed in the period from 1913 to 1919. The primary objective of the overall plan is to provide physical removal of pathogenic microorganisms.

Current Request

Recently, just after the earthwork began for the CHMFP, Adolfson and Peterson, (Contractor) found a suspicious looking material buried under the surface of the site. Several samples were sent to a testing laboratory, and some of the samples were found to contain asbestos. The asbestos found was in a white fibrous form that appears to have been insulation for pipes or boilers. There were also samples of debris that did not contain asbestos. In total, it is estimated that there is about 7,500 cubic yards of material that needs to be removed.

The cost for the removal and disposal of the material is estimated at \$445,000. The actual (final) cost will be adjusted according to unit prices in the cost proposal from the Contractor. The cost for removal and disposal can be absorbed within the existing overall project budget.

A safety and emissions control plan has been submitted to the Minnesota Pollution Control Agency (MPCA) for the asbestos removal work, and this plan has been approved by the MPCA. This plan has established methods to protect the neighboring properties from possibly being affected by the debris removal work.

Urgent attention to this matter is needed in order to avoid Contractor delays and increased costs. The Contractor cannot proceed with the project work until this asbestos-containing debris is fully removed from the site. Any delay will force more of the project work to be done in winter months, and the Contractor has already identified substantial costs that they will charge to the City for excessive delays.

C: Dale A. Folen, P.E. , Engineer II
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